

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A process for the production of an aliphatic alcohol by the hydrogenation of an aliphatic aldehyde over a hydrogenation catalyst comprising a copper compound, and a zinc compound, the process comprising the step of treating said catalyst with an organic sulphur compound by adding said organic sulphur compound ~~by~~ to a feed stream before said feed stream contacts the catalyst.
2. (Previously Presented) A process according to claim 1, wherein said aliphatic aldehyde is present in a feed stream containing an olefin.
3. (Previously Presented) A process according to claim 2, wherein said feed stream is the product of a hydroformylation reaction.
4. (Previously Presented) A process according to claim 1, wherein said organic sulphur compound comprises thiophene.
5. (Previously Presented) A process according to claim 1, wherein said organic sulphur compound is present at a concentration of from 5 ppm to 150 ppm by weight of sulphur in a feed stream containing said aldehyde based upon the total mass of feed.
6. (Previously Presented) A process for the production of an alcohol, comprising the steps of:
 - (a) reducing a catalyst bed provided within a reactor with a hydrogen-containing gas stream;
 - (b) feeding to the bed of said reduced catalyst a gaseous feed stream comprising an aldehyde, a sulphur compound, and hydrogen for a period of time sufficient to provide from 0.2 to 10 kg of sulphur (S) per ton of catalyst, wherein a concentration of said sulphur compound in said feed stream is less than 150 ppm; and
 - (c) subsequently feeding to said catalyst bed a feed stream to which no sulphur compound has been added.

7. (Previously Presented) A process according to claim 3, wherein the hydroformylation reaction is effected by reacting an olefin feed with hydrogen and carbon monoxide in a hydroformylation reactor in the presence of a suitable hydroformylation catalyst to form said hydroformylation reaction product forming said feed stream comprising said aldehyde and said olefin wherein said olefin is unreacted olefin from said hydroformylation reaction, the process further comprising:
- (a) vaporising said feed stream and feeding the vapour together with a stream of a hydrogen-containing gas to a hydrogenation reactor containing a bed of said hydrogenation catalyst comprising said copper compound and said zinc compound, to form a hydrogenation product stream comprising at least an alcohol and said unreacted olefin from said hydrogenation reactor; and
 - (b) separating said hydrogenation product stream into at least an alcohol stream and a stream containing said unreacted olefin from said hydrogenation reactor,
- wherein the hydrogenation catalyst is solid and the step of adding said organic sulphur compound to said feed stream occurs before or during step (a).
8. (Previously Presented) A process according to claim 1, wherein the catalyst further comprises at least one of a catalyst support and a promoter compound.
9. (Previously Presented) A process according to claim 7 further comprising the step of treating said hydroformylation product stream to separate said hydroformylation catalyst from the remainder of the hydroformylation product stream.
10. (Previously Presented) A process according to claim 7, wherein said organic sulphur compound is added to said olefin feed.
11. (Previously Presented) A process according to claim 7, wherein said organic sulphur compound is added to said feed stream of step (a).
12. (Previously Presented) A process according to claim 1, wherein said organic sulphur compound is selected from the group consisting of benzothiophene and a thiol.